Index of Claims

| Application/Co | 'n | tro | I No. |
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10/660,254

**GROEN ET AL.** 

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

Erin M. File

2611

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
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| Final               | Original   | 9/28/06                                 |  |              |          |  |              |          |  |          |
|                     | 1  | J                                       | -  | -            | $\neg$   |  | _            | $\neg$   | $\neg$   | _        |
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|                     | 40   | 1                                       |  | $\dashv$     | _        | Н  | _            |          | _  | Н        |
| _                   | 10   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | -  | $\dashv$     | _        | -  | _            |          |  | Н        |
| ⊢—                  | 17   |   | -  | -            | _        |  |              |          |  | Щ        |
|                     | 12   | Ľ                                       | $\Box$   |              |          |  |              |          |  | $\sqcup$ |
|                     | 13   | 1                                       |  |              |          |  |              |          | $\vdash$   | Щ        |
|                     | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18             | 777770777777777777777777777777777777777 |  |              |          |  |              |          |  |          |
|                     | 15   | 1                                       |  |              |          |  |              |          |  |          |
|                     | 16   | 1                                       |  |              |          |  |              |          |  |          |
|                     | 17   | 1                                       |  |              |          |  |              |          |  |          |
|                     | 18   | 1                                       |  |              |          |  |              |          |  | М        |
|                     | 19   | J                                       | _  | -            | _        | Ι.   |              | _        |  | Н        |
| -                   | 20   | ij                                      | _  | -            | _        | -  | <del> </del> | -        | $\vdash$   | $\vdash$ |
|                     | 21   | 1                                       | _  | Н            |          | -  | ┝            | _        | _  | Н        |
| ├─                  | 21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 | 1                                       |  | -            | _        | <del>                                     </del> | $\vdash$     | _        | <del> </del>                                     |          |
|                     | 22   | H                                       |  |              |          | $\vdash$   |              | _        | $\vdash$   | Н        |
|                     | 23   | 0 4                                     |  |              |          | <u> </u>   |              |          | <u> </u>   | Н        |
|                     | 24   | 0                                       |  |              | _        | <u> </u>   |              |          | <u> </u>   | Ш        |
|                     | 25   |   |  |              | _        | _  | <u> </u>     | _        | <u> </u>   | Ш        |
|                     | 26   |   |  |              |          | <u> </u>   | _            | _        | _  |          |
|                     | 27   | Ш                                       |  |              |          | _  | L.           | _        | L  | Ш        |
|                     | 28   |   |  |              |          | _  |              |          |  |          |
|                     | 29   |   |  |              |          |  |              |          |  |          |
|                     | 30   |   |  |              |          |  |              |          |  |          |
|                     | 31   |   |  |              |          |  |              |          |  |          |
|                     | 32   |   |  |              |          |  |              |          |  | П        |
| <del></del>         | 32<br>33   | Т                                       | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$   |              | _        |  | П        |
| <b>—</b>            | 34   | <del> </del>                            | $\vdash$   |              | $\vdash$ | T  | $\vdash$     | $\vdash$ | <del>                                     </del> | Н        |
| $\vdash$            | 34<br>35   | $\vdash$                                |  | $\vdash$     | Η-       | $\vdash$   | _            | $\vdash$ | ┢  | Н        |
|                     | 36   | $\vdash$                                | <del>                                     </del> |              | ┝        | $\vdash$   | _            | $\vdash$ | $\vdash$   | $\vdash$ |
|                     | 27   | $\vdash$                                | H  |              | -        | ├-   | -            | -        | ├  | $\vdash$ |
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| <u> </u>            | 38   | -                                       | $\vdash$   | H            | $\vdash$ | ├-   | <del> </del> | $\vdash$ | $\vdash$   | Н        |
| <u> </u>            | 39   | -                                       | $\vdash$   | $\vdash$     | <u> </u> | ├-   | ├-           | $\vdash$ | $\vdash$   | -        |
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| <u></u>             | 42   |   | <u> </u>   | <u> </u>     | <u> </u> | 1  | <u> </u>     | ⊢        | <u> </u>   | Ļ.,      |
|                     | 43   | $\perp$                                 |  | $oxed{oxed}$ |          | _  | L_           | <u> </u> | L_   | Ш        |
| $ldsymbol{\square}$ | 44   |   |  |              | <u></u>  | _  | L            | Ĺ        | <u></u>  |          |
|                     | 45   | $L^{-}$                                 | L  |              |          | L  | L            | L        | L  |          |
|                     | 46   |   |  |              |          |  |              |          |  |          |
|                     | 47   | Π                                       | Г  |              |          |  |              | Γ        |  |          |
|                     | 48   |   | Г  | Г            |          |  | Γ            | Γ        | П  | П        |
|                     | 49   | T                                       | $\overline{}$                                    | Г            | _        | ŀ  |              |          |  | П        |
| <b> </b>            | 50   | $\vdash$                                | t  | ļ -          |          |  |              |          | $\vdash$   | $\vdash$ |
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|          | 51                         |          |              |          | _        |              |          |              |              |                |
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|          | 53<br>54<br>55             |          |              |          |          |              |          |              |              | $\Box$         |
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|          | 55                         |          |              |          |          |              |          |              |              |                |
|          | 56                         |          | _            |          |          |              |          |              |              |                |
|          | 57                         |          |              |          |          |              |          |              |              |                |
|          | 58                         |          |              |          |          |              |          |              |              | ·              |
|          | 59                         |          |              |          |          | Г            |          |              |              |                |
|          | 60                         |          |              |          | Г        |              |          |              |              |                |
|          | 61                         |          |              |          | Г        |              |          |              |              |                |
|          | 62                         |          |              |          |          |              |          |              |              |                |
|          | 62<br>63                   |          |              |          | L        |              |          |              |              |                |
|          | 64<br>65                   |          |              |          |          |              |          |              |              |                |
|          | 65                         |          |              | 匚        | 匚        |              |          |              |              |                |
|          | 66                         |          | Ĺ            |          | $\Box$   |              |          |              |              |                |
|          | 67<br>68                   |          | L            |          |          |              |          |              |              |                |
|          | 68                         | L        |              |          |          | <u> </u>     | _        |              | _            |                |
|          | 69                         |          |              | L        |          | L            |          |              | 匚            |                |
|          | 70<br>71                   | _        |              | 乚        | L        |              |          | 乚            | L            |                |
|          | 71                         |          |              | L        |          | L            | _        |              | L            |                |
|          | 72                         | L        | L            | L        | _        | L            | L        |              | L            |                |
| <u></u>  | 73                         |          | L            | _        | _        | L            | L        | _            | _            |                |
| <u></u>  | 72<br>73<br>74<br>75<br>76 | L        | L_           | L        |          | L            | Ш        | _            | _            |                |
| <u></u>  | 75                         |          | 1_           | _        | _        |              | _        | L            | L            | _              |
| L        | 76                         |          |              | <u> </u> | L        | L            | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>       |
| <u></u>  | 77                         | _        | L            | _        | L        | <u> </u>     | L_       | _            | _            | <u> </u>       |
| <u></u>  | 78<br>79                   | Ļ.,      | ļ            | _        | _        | <u> </u>     | <u> </u> | _            | _            | _              |
|          | 79                         |          |              | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | L            | <u> </u>     | _              |
|          | 80                         | _        |              | L        | <u> </u> | L            | <u> </u> | <u>_</u>     | <u> </u>     | _              |
|          | 81                         | _        | L            | <u> </u> | _        | ļ            | _        | _            |              | ļ              |
|          | 82                         | L        | <del> </del> | ┡        | ┡        | _            | $\vdash$ | _            | _            | _              |
|          | 83                         | <u> </u> | <del> </del> | $\vdash$ | ऻ_       | <b> </b>     | ₩        | <u> </u>     | $\vdash$     | <u> </u>       |
| <u> </u> | 84                         | <u> </u> | <u> </u>     | -        | ļ        | ļ            | <u> </u> | ļ.,          | ├-           | ⊢              |
| <u> </u> | 85                         | ├-       | <u> </u>     | -        | -        | <u> </u>     | ⊢        | -            | <del> </del> | _              |
| -        | 86                         | <u> </u> | ├-           | ├        | -        | -            | -        | <u> </u>     | -            | $\vdash$       |
| -        | 87                         | <u> </u> | -            |          | ├-       | -            | $\vdash$ | <del> </del> | ⊢            |                |
| -        | 88                         | $\vdash$ |              | ₩        | ├        | <del> </del> | ⊢        | ├            | ⊢            | <del> </del> — |
| -        | 89<br>90                   |          | ⊢            |          | ├-       | +-           | ⊢        | ├-           | $\vdash$     | -              |
| -        |                            | ╁        | -            | +-       | 1        | $\vdash$     | 1        | 1—           | -            | $\vdash$       |
| -        | 91<br>92                   | -        | $\vdash$     | +-       | ╁        | +            | ╁        | ₩            | ├-           | $\vdash$       |
| -        | 93                         | -        | -            | -        | ┢        | +            | ļ        | ⊢            | ╌            | $\vdash$       |
| -        | 94                         | -        | $\vdash$     | + -      | $\vdash$ | +-           | +-       | $\vdash$     | -            | $\vdash$       |
| -        | 95                         | -        | +            | +-       | +-       | 1-           | $\vdash$ | ╁            | -            | $\vdash$       |
| $\vdash$ | 96                         | -        | $\vdash$     | $\vdash$ | $\vdash$ | ╁╌           | ╁        | $\vdash$     | $\vdash$     | $\vdash$       |
| -        | 97                         | -        | $\vdash$     | +        | $\vdash$ | ╁            | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$       |
| -        | 98                         | -        | ╁            | ╁╌       | +        | +-           | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$       |
| $\vdash$ | 99                         | +-       | +            | $\vdash$ | +-       | +            | ┼-       | $\vdash$     | $\vdash$     | $\vdash$       |
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| Claim      |                                 | Date     |          |              |          |              |              |  |  |          |
|------------|---------------------------------|----------|----------|--------------|----------|--------------|--------------|--|--|----------|
| Final      | Original                        |          |          |              |          |              |              |  |  |          |
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|            | 102                             |          |          |              |          |              |              | _                                      |  |          |
|            | 103                             |          |          | <u> </u>     |          | _            |              |  |  | _        |
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|            | 105                             |          |          | H            |          | -            |              |  | _  |          |
|            | 107                             | _        | $\vdash$ | $\vdash$     | _        | $\vdash$     | -            |  |  |          |
|            | 107<br>108                      | Н        |          |              |          |              |              |  |  |          |
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|            | 111                             |          |          | _            |          |              |              |  |  |          |
|            | 112                             | L        |          | _            |          | <u> </u>     | _            |  |  | Н        |
|            | 113                             | <u> </u> | <u> </u> | _            | L        | -            | _            | <u> </u>                               | $\vdash$   | Н        |
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|            | 116                             | $\vdash$ |          | H            | ├-       | $\vdash$     | ┝            | _                                      | $\vdash$   | Н        |
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|            | 122                             |          |          | <u></u>      |          | L            |              |  |  | Ш        |
|            | 123<br>124                      |          |          | <u> </u>     | _        | _            | <u> </u>     | <u> </u>                               | _  |          |
|            | 124                             | _        | _        | _            | <u> </u> | <del> </del> | ⊢            | <u> </u>                               | ⊢  | $\vdash$ |
|            | 125                             | ├        | -        | ├            | -        | $\vdash$     | -            | -                                      | _  | Н        |
| -          | 127                             | ├        | -        | <del> </del> | ⊢        | $\vdash$     | <u> </u>     |  | ⊢  | Н        |
|            | 128                             | ┢        |          | H            | H        | ┢            | -            | -                                      | $\vdash$   | H        |
|            | 126<br>127<br>128<br>129<br>130 |          | 一        | $\vdash$     | ┢        | $\vdash$     | $\vdash$     |  |  | Н        |
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|            | 136                             | ├        | ⊢        |              | ⊢        | ├            | <del> </del> | ⊢                                      | $\vdash$   | Н        |
| ├          | 137<br>138                      | ├        | ⊢        | ╁            | ⊢        | ┢            | ├            | ├                                      | -  | Н        |
| <u> </u>   | 139                             | ┢        | ╁        | ┢            | ┢        | ┢            | ╁            | ┝                                      | -  | Н        |
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|            | 142                             |          |          |              |          |              |              | T                                      |  | П        |
|            | 143                             |          |          |              |          |              |              |  |  |          |
|            | 144                             |          |          | $\Box$       |          |              | Ľ            |  |  |          |
|            | 145                             |          | L        |              | <u> </u> | L            | _            | L                                      | <u> </u>   | Ш        |
|            | 146                             | ـــ      | $\vdash$ | ــ           | _        | ├-           | -            | $\vdash$                               | $\vdash$   | Н        |
| <u> </u>   | 147                             |          | ├        | -            | -        | -            | -            | ⊢                                      | 1  | Н        |
| ├          | 148<br>149                      | ├        | ├        | ╀-           | -        | +-           | $\vdash$     | -                                      | ⊢  | Н        |
|            | 150                             | ┼╴       | +        | +            | $\vdash$ | ╁╌           | ╁            | $\vdash$                               | $\vdash$   | $\vdash$ |
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